

Polarizer 6
Phase compensation element ($\lambda/4$ wave plate) 7
Substrate 1
Transmissive electrode 4
LC layer 5
Reflective electrode region 3 (R) Transmissive electrode region 8 (T)
Substrate 2
Phase compensation element ($\lambda/4$ wave plate) 10
Polarizer 9

Polarizer 6	
Phase compensation element ($\lambda/4$ wave plate) 7	-
Phase compensation element 11	
Substrate 1	
Transmissive electrode 4	
LC layer 5	
Reflective electrode region 3 (R) Transmissive electrode	region 8 (T)
Substrate 2	
Phase compensation element 12	1
Phase compensation element ($\lambda/4$ wave plate) 10)
Polarizer 9	·

FIG.4

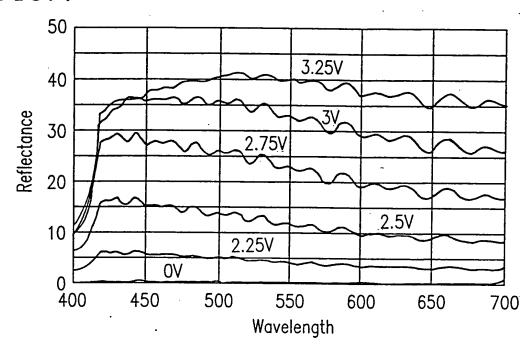
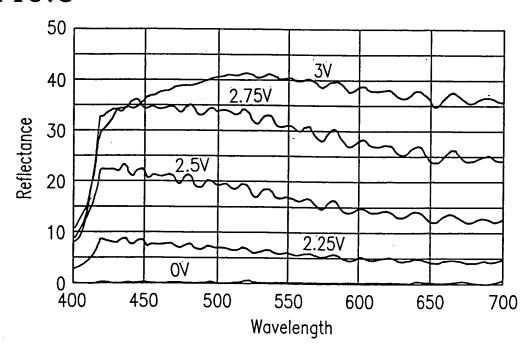


FIG.5



2

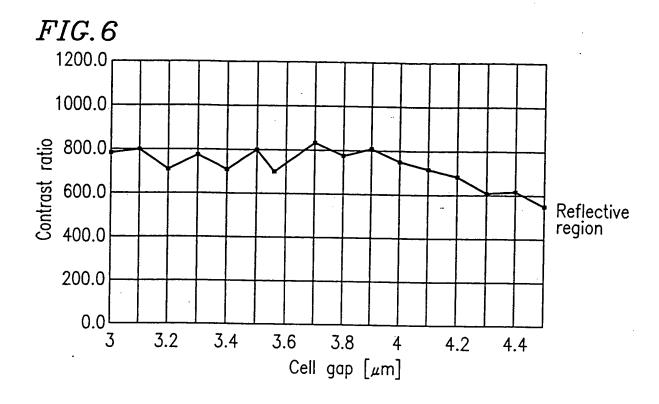
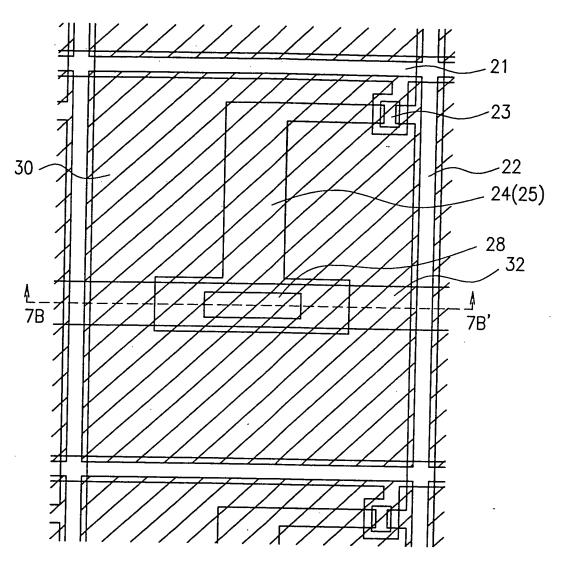


FIG. 7A



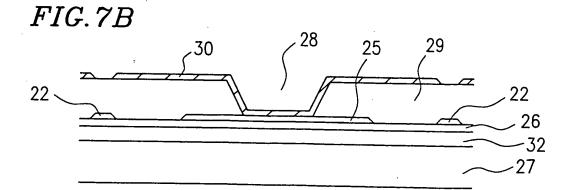
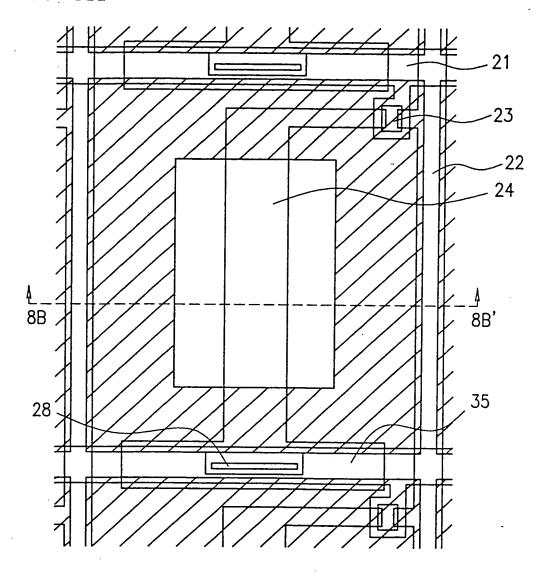
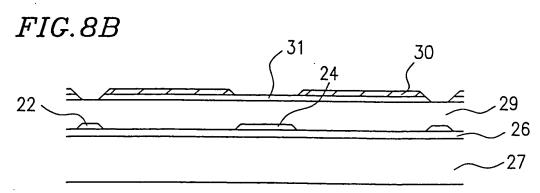
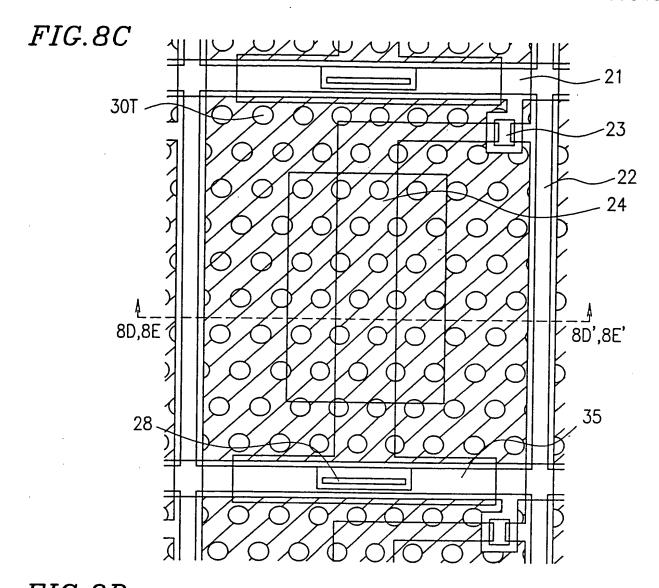


FIG. 8A





••





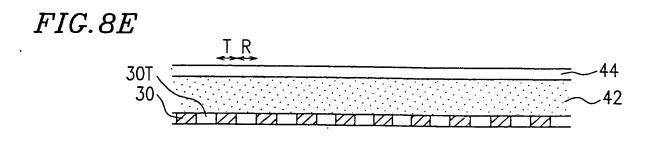


FIG.9

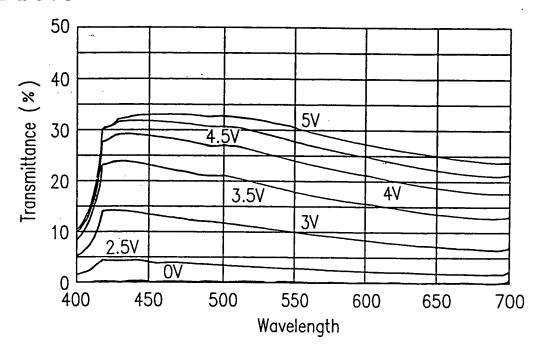
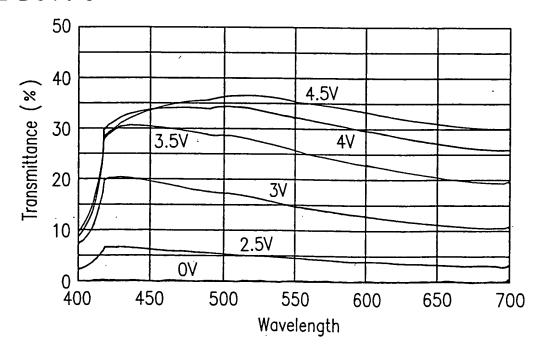


FIG. 10



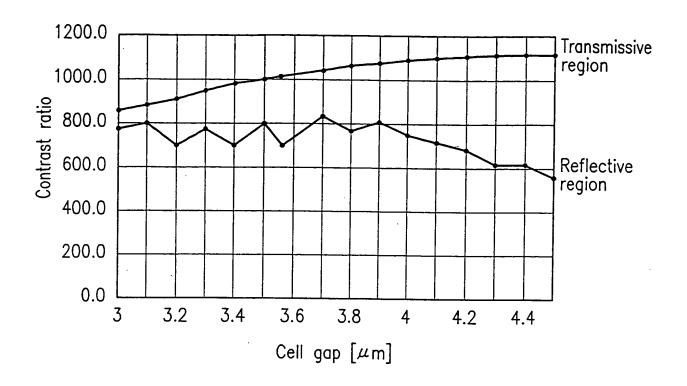
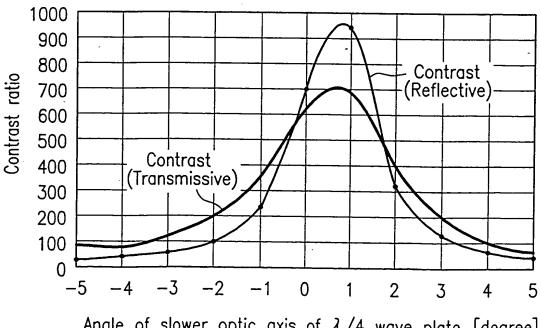
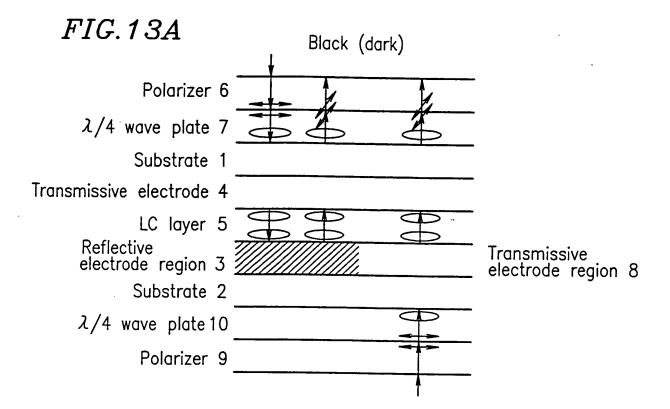


FIG. 12



Angle of slower optic axis of $\lambda/4$ wave plate [degree]



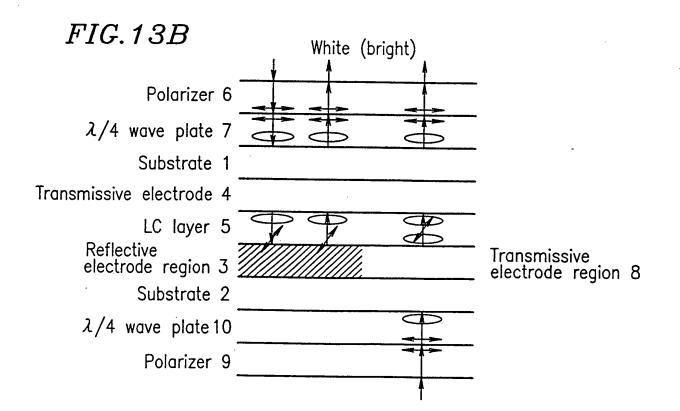
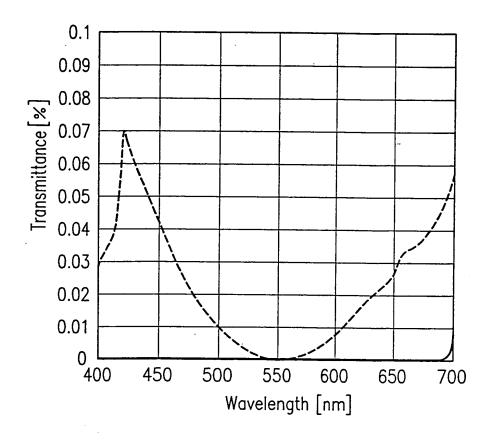


FIG. 14B FIG. 14A

FIG. 15B FIG. 15A

151

FIG. 16



-----λ/4 Parallel -----λ/4 Perpendicular

Polarizer 6
Phase compensation element 11
Phase compensation element ($\lambda/4$ wave plate) 7
Substrate 1
Transmissive electrode 4
LC layer 5
Reflective electrode region 3 (R) Transmissive electrode region 8 (T
Substrate 2
Phase compensation element ($\lambda/4$ wave plate) 10
Phase compensation element 12
Polarizer 9

FIG. 18B FIG. 18A

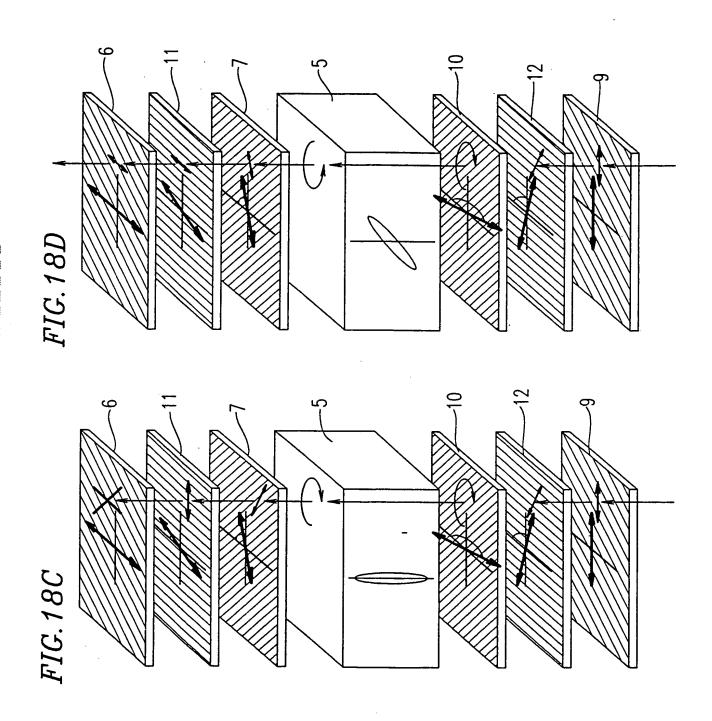
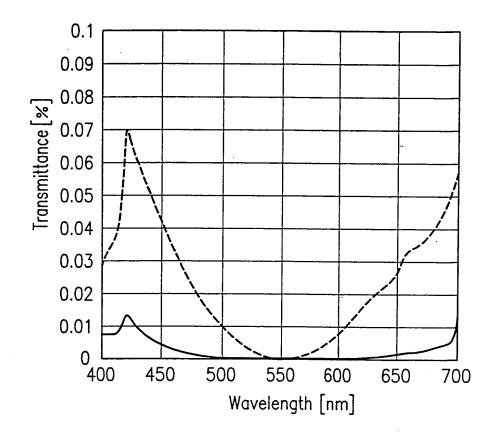
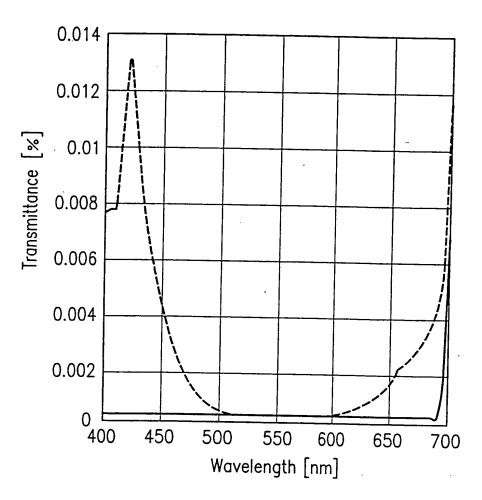


FIG. 19



 $----\lambda/4$ Parallel $---\lambda/4+\lambda/2$ Parallel

FIG.20



 $----\lambda/4+\lambda/2$ Parallel $----\lambda/4+\lambda/2$ Perpendicular

FIG.21

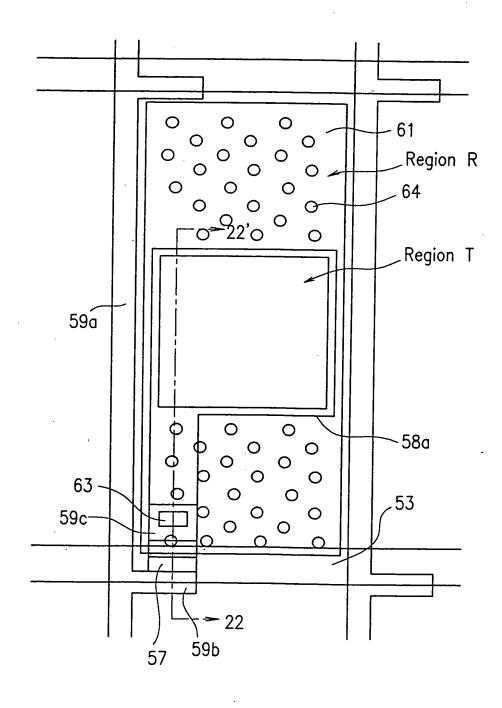
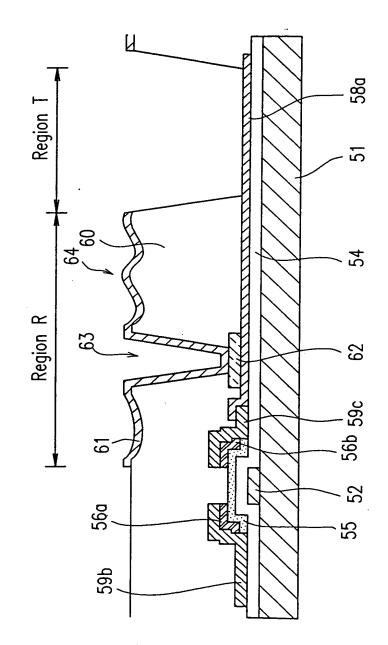
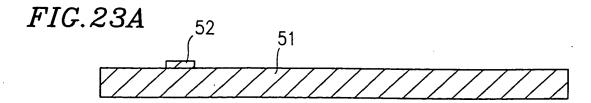
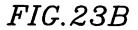
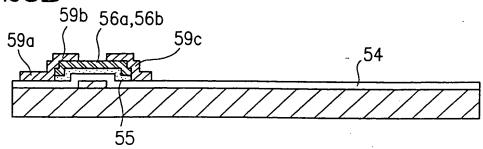


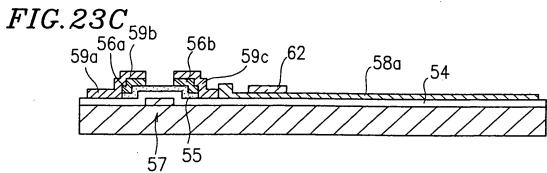
FIG.22

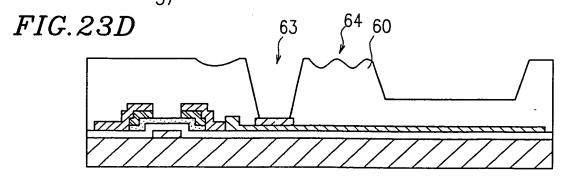












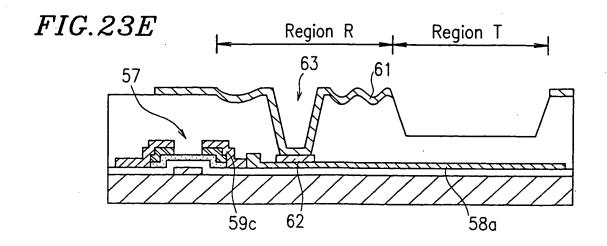


FIG.24

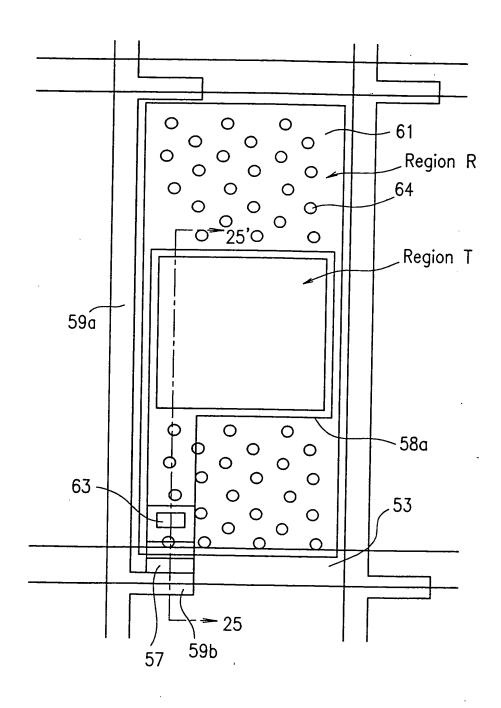


FIG.25

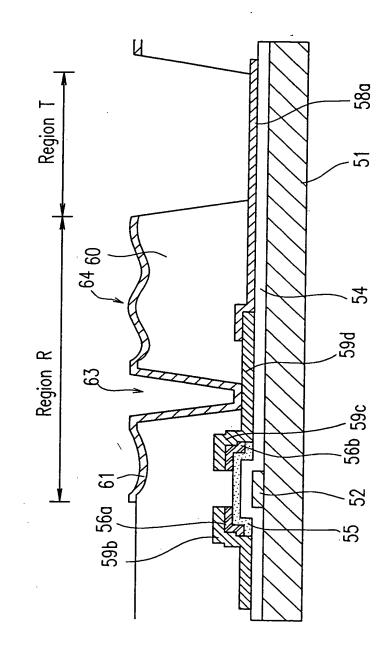


FIG. 26A

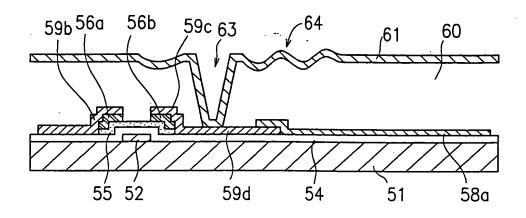


FIG.26B

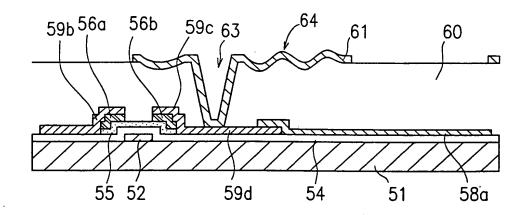


FIG.26C

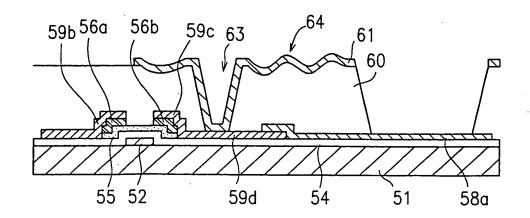


FIG. 27A

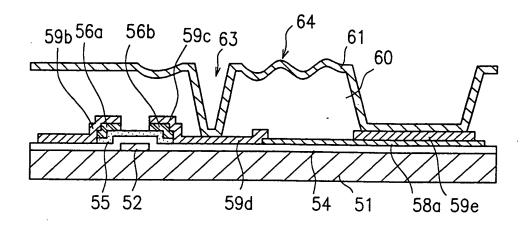


FIG.27B

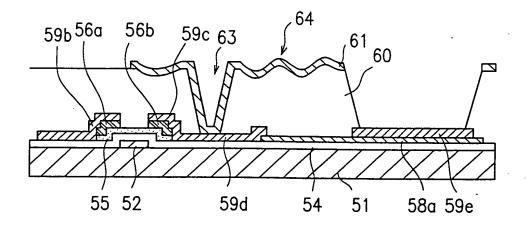


FIG.27C

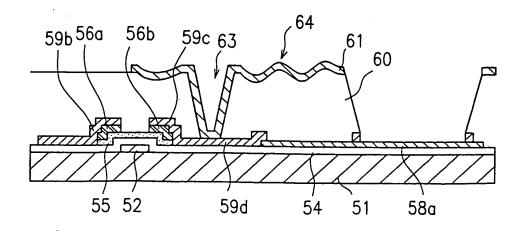


FIG. 28A

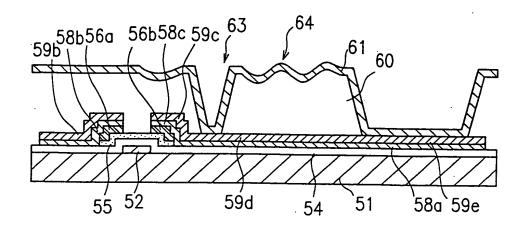


FIG.28B

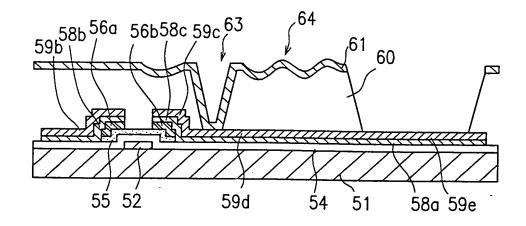


FIG.28C

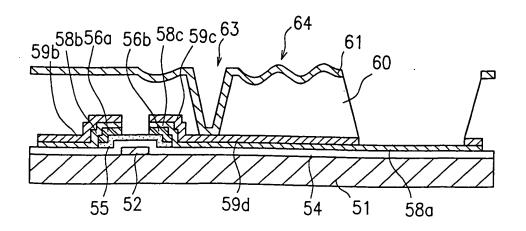


FIG. 29A

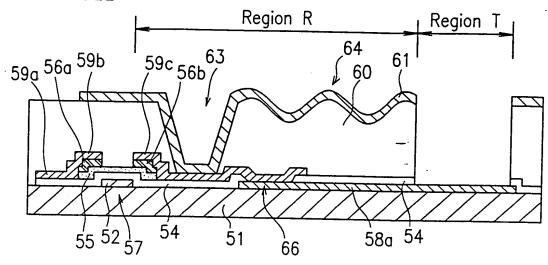


FIG.29B

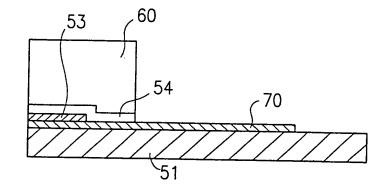
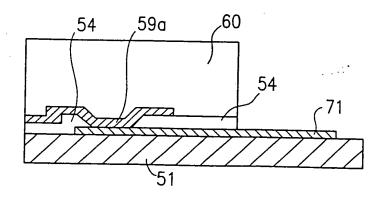
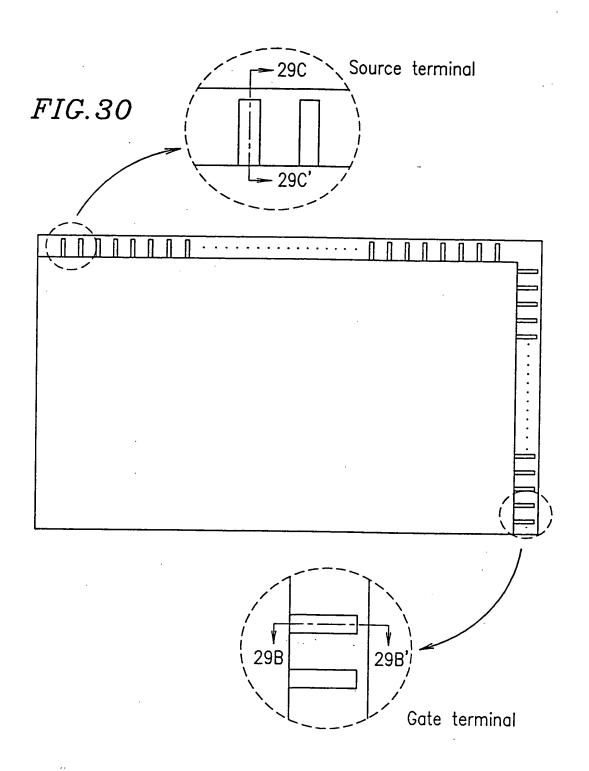
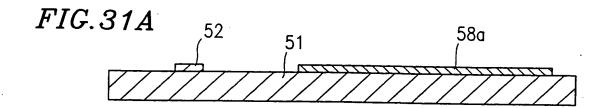
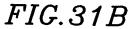


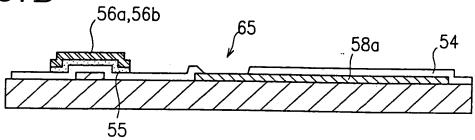
FIG.29C

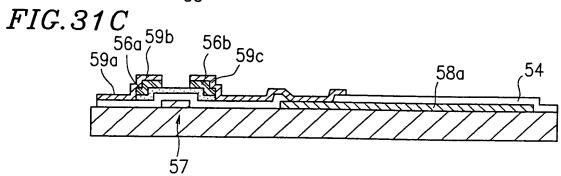


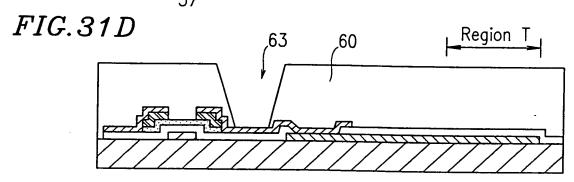












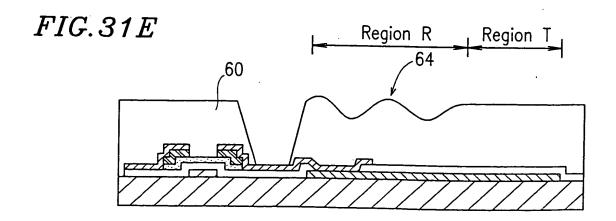


FIG. 32A

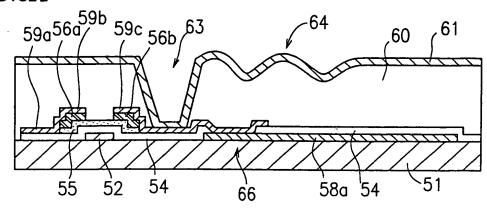
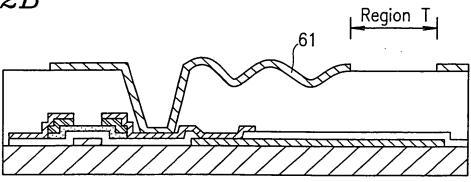


FIG. 32B



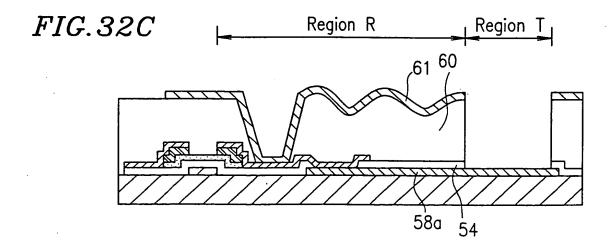


FIG. 33A

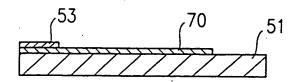


FIG.33D

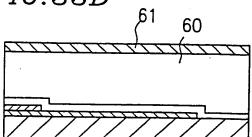


FIG. 33B

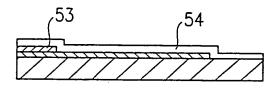


FIG. 33E

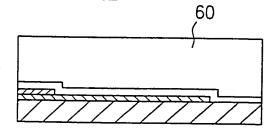


FIG. 33C

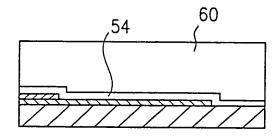
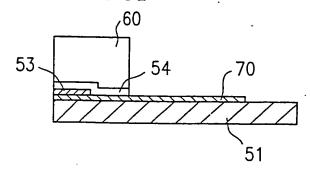
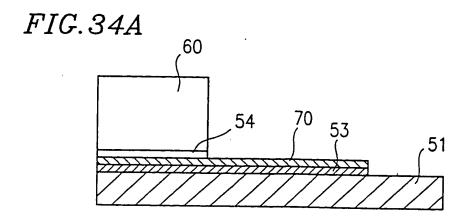


FIG.33F





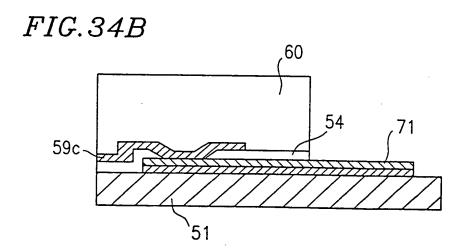


FIG. 35A

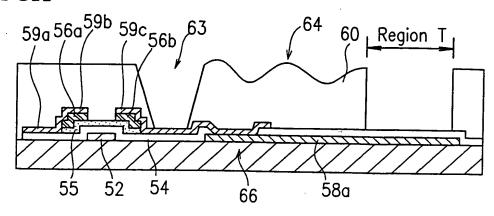
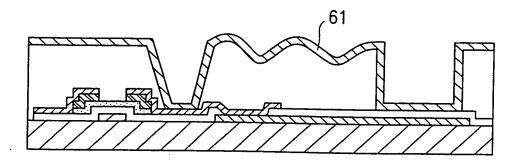
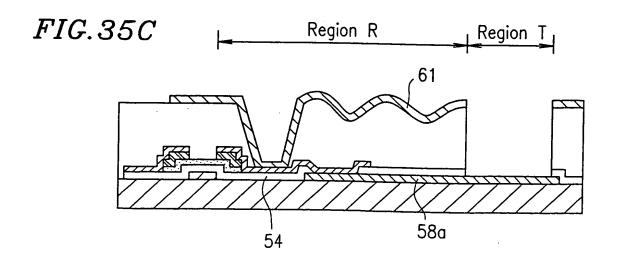
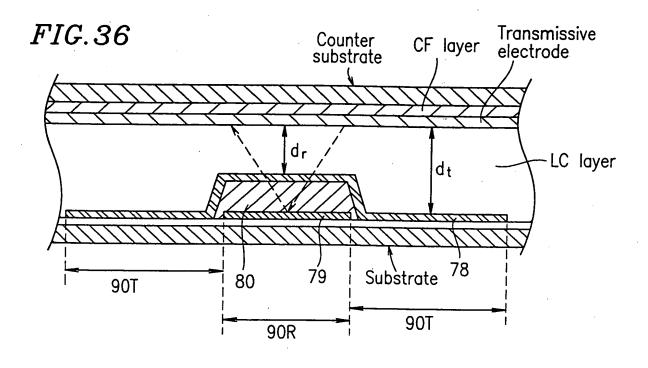


FIG.35B







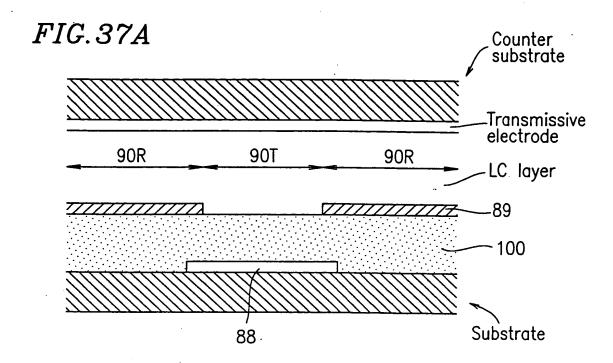
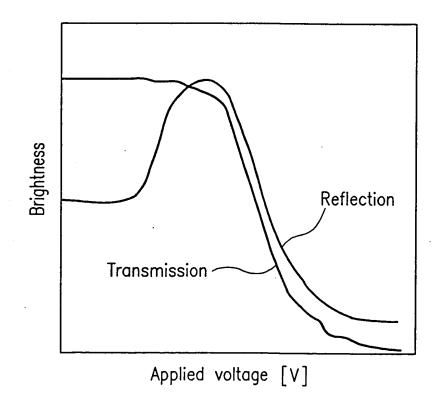


FIG.37B



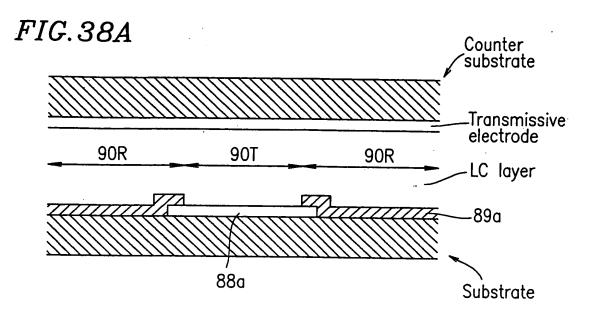


FIG.38B

